REVISION LETTER For Disc 24-2009 Licensed to прап. Printed on 18 Dec 2009. **JEPPESEN** 

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Page 1
Changed chart(s) since Disc 23-2009
ADD = Added chart, REV = Revised chart, DEL = Deleted chart.

ACT PROCEDURE IDENT

INDEX REV DATE

**EFF DATE** 

No revision activity since Disc 23-2009

## **TERMINAL CHART NOTAMS**

#### **Chart NOTAMs for Airport USCC**

Type: Terminal
Effectivity: Temporary
Begin Date: Immediately
End Date: Until Further Notice

Lndg beyond GS chgd for rwy 09 to 9709'(2959m) and for rwy 27 to 9345'(2848m).

Type: Terminal
Effectivity: Temporary
Begin Date: Immediately
End Date: Until Further Notice

Until 15 SEP 10 IAP VORDME rwy 09 suspended.

**Airport Information** 

# **USCC (Balandino)**

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## **General Info**

Chelyabinsk, RUS

N 55° 18.3' E 61° 30.3' Mag Var: 12.5°E

Elevation: 769'

Public, IFR, Control Tower, Customs, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+5:00 uses DST

## **Runway Info**

Runway 09-27 10499' x 197' concrete

Runway 09 (91.0°M) TDZE 759' Lights: Edge, ALS, Centerline Runway 27 (271.0°M) TDZE 737' Lights: Edge, ALS, Centerline

## **Communications Info**

Chelyabinsk Start Tower **125.2**Chelyabinsk Approach Control **124.7**Chelyabinsk Approach Control **124.0** Secondary

# Notebook Info

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USCC/CEK

BALANDINO

769'

2700,

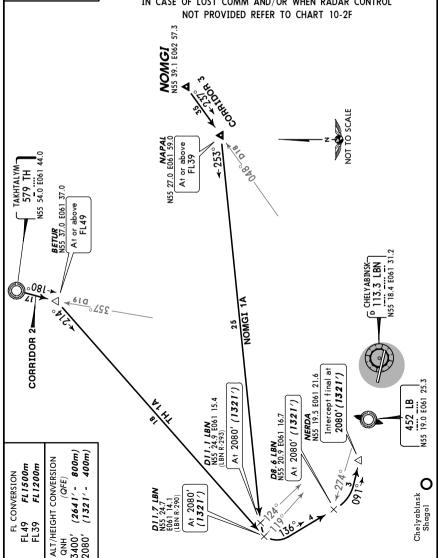
CHELYABINSK, RUSSIA JEPPESEN 10-2 Eff 7 May STAR

Apt Elev

- Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans Alt: 3400' (2641') (QFE) 1. Do not mistake airport of Chelyabinsk Shagol 7.6 NM southwest of ARP
- (landing track 120°/300° MAG) for Chelyabinsk Balandino. 2. In case of VORDME approach proceed on STAR route to LBN or request radar vectoring and carry out VORDME approach according chart 13-1. Crossing altitudes by ATC.

NOMGI 1 ALFA (NOMGI 1A) [NOMG 1A] TH 1 ALFA (TH 1A) RWY 09 ARRIVALS FROM NORTH & EAST

IN CASE OF LOST COMM AND/OR WHEN RADAR CONTROL



CHANGES: STAR BN 1A withdrawn; IBINA 1A replaced by NOMGI 1A. © JEPPESEN, 2002, 2009. ALL RIGHTS RESERVED. Licensed to прап. Printed on 18 Dec 2009.

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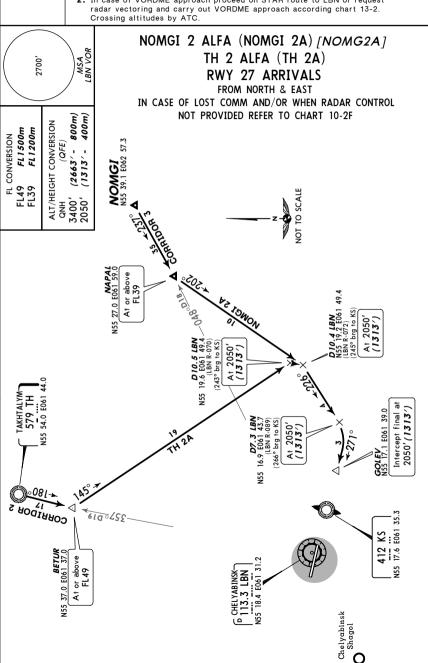
USCC/CEK BALANDINO

JEPPESEN (10-2A) Eff 7 May 24 APR 09

CHELYABINSK, RUSSIA

Apt Elev 769'

- (QFE) Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans Alt: 3400' (2663')
- Do not mistake airport of Chelyabinsk Shagol 7.6 NM southwest of ARP (landing track 120°/300° MAG) for Chelyabinsk Balandino.
- 2. In case of VORDME approach proceed on STAR route to LBN or request radar vectoring and carry out VORDME approach according chart 13-2.



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USCC/CEK BALANDINO

...JEPPESEN 14 SEP 07 (10-2B)

CHELYABINSK, RUSSIA

Apt Elev 769'

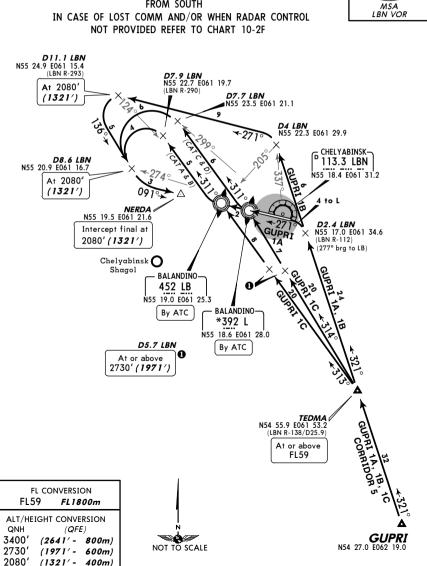
(QFE) Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans Alt: 3400' (2641')

- 1. Do not mistake airport of Chelyabinsk Shagol 7.6 NM southwest of ARP (landing track 120°/300° MAG) for Chelyabinsk Balandino.
- 2. In case of VORDME approach proceed on STAR route to LBN or request radar vectoring and carry out VORDME approach according chart 13-1. Crossing altitudes by ATC.

GUPRI 1 ALFA (GUPRI 1A) [GUPR1A] GUPRI 1 BRAVO (GUPRI 1B) [GUPR1B] GUPRI 1 CHARLIE (GUPRI 1C) [GUPR1C] **RWY 09 ARRIVALS** 

FROM SOUTH





CHANGES: WW STARs renamed GUPRI; STARs transferred.

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USCC/CEK BALANDINO

Apt Elev

769'

**MALEPPESEN** 14 SEP 07 (10-2C)

CHELYABINSK, RUSSIA

(QFE) Alt Set: MM (hPa on request) QNH on request

Trans level: By ATC Trans Alt: 3400' (2663') 1. Do not mistake airport of Chelyabinsk Shagol 7.6 NM southwest of ARP

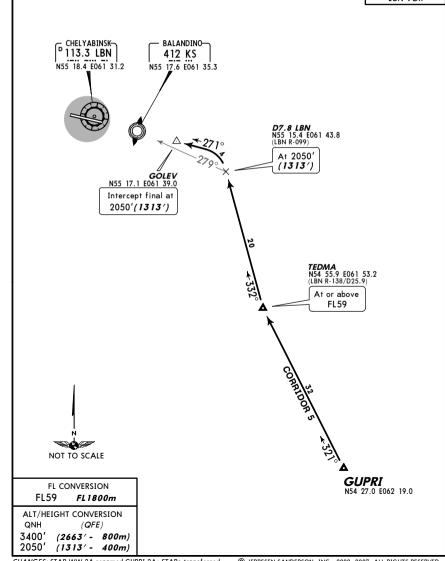
(landing track 120°/300° MAG) for Chelyabinsk Balandino. 2. In case of VORDME approach proceed on STAR route to LBN or request radar vectoring and carry out VORDME approach according chart 13-2. Crossing altitudes by ATC.

## GUPRI 2 ALFA (GUPRI 2A) [GUPR2A] RWY 27 ARRIVAL

FROM SOUTH

IN CASE OF LOST COMM AND/OR WHEN RADAR CONTROL NOT PROVIDED REFER TO CHART 10-2F





CHANGES: STAR WW 2A renamed GUPRI 2A; STARs transferred.

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USCC/CEK BALANDINO

Apt Elev

769'

#JEPPESEN 14 SEP 07 (10-2D)

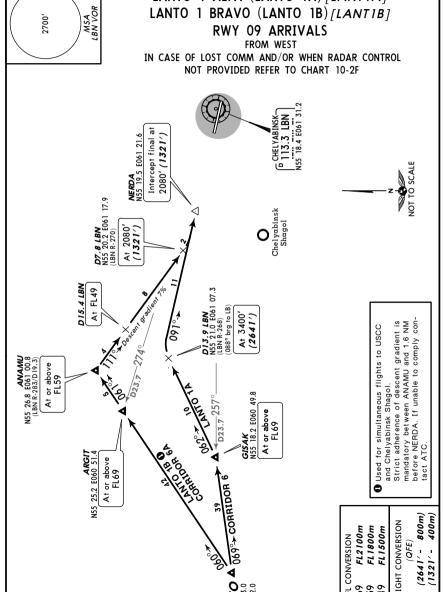
CHELYABINSK, RUSSIA

(QFE) Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans Alt: 3400' (2641')

- 1. Do not mistake airport of Chelyabinsk Shagol 7.6 NM southwest of ARP (landing track 120°/300° MAG) for Chelyabinsk Balandino.
- In case of VORDME approach proceed on STAR route to LBN or request radar vectoring and carry out VORDME approach according chart 13-1. Crossing altitudes by ATC.



# LANTO 1 ALFA (LANTO 1A) [LANT1A] **RWY 09 ARRIVALS**



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USCC/CEK BALANDINO

MJEPPESEN. 14 SEP 07 (10-2E)

CHELYABINSK, RUSSIA

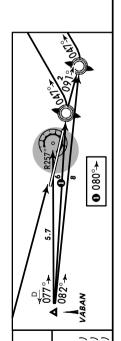
Apt Elev 7691

(QFE) Alt Set: MM (hPa on request) QNH on request Trans level: By ATC Trans Alt: 3400' (2663')

Do not mistake airport of Chelyabinsk Shagol 7.6 NM southwest of ARP (landing track 120°/300° MAG) for Chelyabinsk Balandino.

In case of VORDME approach proceed on STAR route to LBN or request radar vectoring and carry out VORDME approach according chart 13-2. Crossing altitudes by ATC.

LANTO 2 ALFA (LANTO 2A) [LANT2A] LANTO 2 BRAVO (LANTO 2B) [LANT2B] LANTO 2 CHARLIE (LANTO 2C) [LANT2C] RWY 27 ARRIVALS FROM WEST IN CASE OF LOST COMM AND/OR WHEN RADAR CONTROL NOT PROVIDED REFER TO CHART 10-2F



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CHELYABINSK, RUSSIA MJEPPESEN USCC/CEK 14 SEP 07 (10-2F) STAR BALANDINO Alt Set: MM (hPa on request) QNH on request (QFE) Apt Elev Trans level: By ATC Trans Alt: 3400' (2631') 769' Do not mistake airport of Chelvabinsk Shagol 7.6 NM southwest of ARP (landing track 120°/300° MAG) for Chelvabinsk Balandino. 2700' RWY 09 ARRIVALS N55 37.0 E061 37.0 (LBN R-357/D19) IN CASE OF LOST COMM AND/OR WHEN At or above MSA RADAR CONTROL NOT PROVIDED FL49 LBN VOR 1 2 MIN (CAT A, B) **NAPAL** N55 27.0 E061 59.0 (LBN R-048/D18) 1 1/2 MIN (CAT C, D). BALANDINO -452 LB **GISAK** N55 18.2 E060 49.8 (LBN R-257/D23.7) N55 19.0 E061 25.3 FL39 At or above FL69 ± 249° **PETOL** N55 23.0 E062 13.0 (LBN R-066/D24.3) **A** <del>074°→</del> ÑERDA At or above IMS V LOST COMMS V LOST COMMS V N55 19.5 CHELYABINSK-FL39 E061 21.6 Descending from FL for 113.3 LBN approach-to-land shall be N55 18.4 E061 31.2 commenced after crossing Chelyabinsk ΙB Shagol **TEDMA** N54 55.9 E061 53.2 MS LOST COMMS LOST COMMS LBN R-138/D25.9 FL CONVERSION At or above FL69 FL2100m FL59 FL59 FL1800m FL49 FL1500m Proceed to LB, enter holding: FL39 FL1200m from GISAK turn LEFT. from BETUR, NAPAL PETOL turn RIGHT, ALT/HEIGHT CONVERSION from TEDMA on 301° track. ОИН When radar control is not provided, NOT TO SCALE descend by ATC 3400' (2631' - 800m) BETUR **RWY 27 ARRIVALS** N55 37.0 E061 37.0 (LBN R-357/D19) IN CASE OF LOST COMM AND/OR WHEN At or above RADAR CONTROL NOT PROVIDED 2700' FL49 Proceed to KS, enter holding: **NAPAL** N55 27.0 E061 59.0 (LBN R-048/D18) from BETUR turn LEFT. from NAPAL PETOL, TEDMA turn RIGHT MSA LBN VOR from GISAK on 061° track. At or above When radar control is not provided, descend by ATC. FL39 (IAF) **GISAK** N55 18.2 E060 49.8 BALANDINO-CHELYABINSK-<u>243°</u> △ (LBN R-257/D23.7) 412 KS 113.3 LBN At or above N55 17.6 E061 35.3 N55 18.4 E061 31.2 FL69 **PETOL** N55 23.0 E062 13.0 (LBN R-066/D24.3) 078°<del>></del> 06100 At or above FL39 Chelyabinsk O GOLEV ~271° Shagol FL CONVERSION FL69 FL2100m 1 2 MIN (CAT A, B) FL59 FL1800m 1 1/2 MIN (CAT C, D). FL49 FL1500m NOT TO SCALE **TEDMA** N54 55.9 E061 53.2 (LBN R-138/D25.9) FL39 FL1200m MMS LOST COMMS LOST COMMS ALT/HEIGHT CONVERSION Descending from FL for At or above approach-to-land shall be QNH (QFE) FL59 commenced after crossing 3400' (2631' - 800m)

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CHANGES: New chart (chart reindexed)

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CHANGES: SID WW 3A renamed GUPRI 3A.

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CHELYABINSK, RUSSIA

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14 SEP 07 (10-3) BALANDINO QNH on request (QFE) Apt Elev Trans level: By ATC Trans alt: 3400' (2641') 7691 BN 3 ALFA (BN 3A) GUPRI 3 ALFA (GUPRI 3A) [GUPR3A] IMANA 3 ALFA (IMANA 3A)/IMAN3A/ TAKRA 3 ALFA (TAKRA 3A) [TAKR3A] TH 3 ALFA (TH 3A) **RWY 09 DEPARTURES** 23.0 E062 13.0 At or above or above FL49 or above FL49 ¥ COARIDOR 2 610 °725 CORRIDOR allowed between FL98 and between & FL381. At or above FL49 POT D Flights FL49 8 FL177 or above FL79 ¥

MJEPPESEN

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CHANGES: SID WW 4A renamed GUPRI 4A.

**MJEPPESEN** 

CHELYABINSK, RUSSIA

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USCC/CEK 14 SEP 07 (10-3A) BALANDINO Apt Elev QNH on request (QFE) 769' Trans level: By ATC Trans alt: 3400' (2663') BN 4 ALFA (BN 4A) GUPRI 4 ALFA (GUPRI 4A)[GUPR4A] 2700, IMANA 4 ALFA (IMANA 4A)/IMAN4A] TAKRA 4 ALFA (TAKRA 4A)/TAKR4A/ TH 4 ALFA (TH 4A) **RWY 27 DEPARTURES** At or above FL49 32 BN 4A **3**60∘\_ CORRIDOR 2 ₹610 725 TAKRA 4A **←** 343° CORRYDOR 33.3 E061 23.3 At or above FL79 ALT/HEIGHT CONVERSION QNH (QFE)

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NOTICE: PRINTED FROM AN EXPIRED REVISION. Disc 24-2009 USCC/CEK Apt Elev 769' N55 18.3 E061 30.3 CHELYABINSK, RUSSIA X JEPPESEN 5 OCT 07 (10-9) **BALANDINO** CHELYABINSK Start (GND/TWR) 125.2 During DAY with VIS less than 400m and at NIGHT Taxing on Main Twy 1 is strictly along centerline.

Taxing on Main Twy 1 is strictly along centerline.

Taxi on Main Twy 2, Twy 4 and Twy 5 with caution at minimum speed, strictly along centerline. C) C) Trees 814' Letr A A823' © © 833′ 10,499 09 ⊚ <sup>VOR</sup> 13°E Main Twy 2 C C OO o o Trees FOR PARKING  $\mathcal{O}$ up to POSITIONS 820' Λ<sub>886</sub> SEE 10-9A 00 OQ ADDITIONAL RUNWAY INFORMATION USABLE LENGTHS

- LANDING BEYOND ---RWY Threshold | Glide Slope TAKE-OFF WIDTH 09 197' 9596' 2925m HIRL (60m) CL (15m) HIALS PAPI-L(angle 2.83°) 60m 1 TAKE-OFF RUN AVAILABLE From rwy head 10,499' (3200m) twy 3 int 9803' (2988m) TAKE-OFF AIR CARRIER (JAA) All Rwys LVP must be in force RCLM (DAY only) RCLM (DAY only) RL & CL 200m 250m 400m

300m

250m

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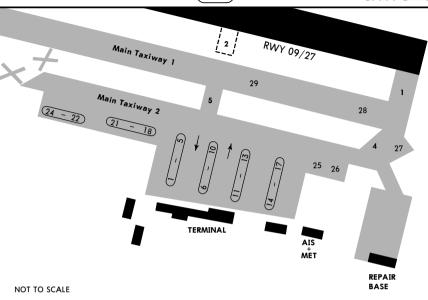
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USCC/CEK

S DEPPESEN

5 OCT 07 (10-9A)

CHELYABINSK, RUSSIA
BALANDINO



Parking stands 1 thru 5, 7 thru 17, 27 and Main Twy 2 between Twy 4 and Twy 5 available for helicopters.

CHANGES: Apron layout. Notes.

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USCC/CEK

JEPPESEN

26 MAY 06

10-9X

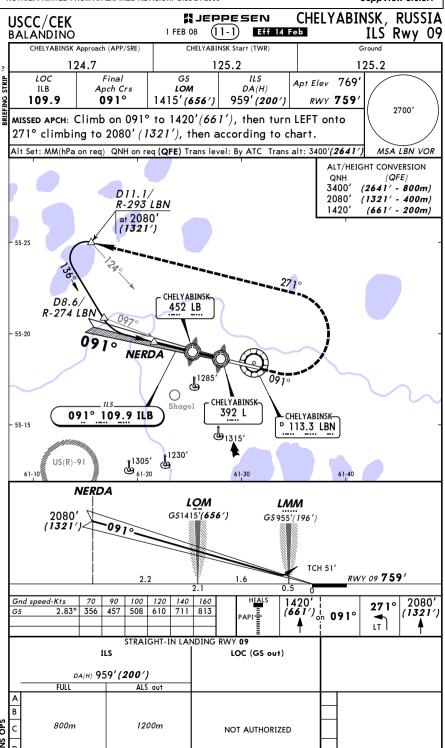
Eff 8 Jun CHELYABINSK, RUSSIA
BALANDINO

STRAIGHT-IN RWY		Α	В	С	D	
09	ILS	<b>959</b> ′(200′)	959′(200 <b>′</b> )	<b>959</b> ′(200′)	<b>959</b> ′(200′)	
		R550m	R550m	R550m	R550m	
	ALS out	R1000m	R1000m	R1000m	R1000m	
	LOC	NOT				
		AUTHORIZED				
VOR		<b>1150</b> ′(391 <b>′</b> )	<b>1150</b> ′(391 <b>′</b> )	<b>1150</b> ′(391′)	<b>1150</b> ′(391′)	
		R900m	R1000m	R1000m	R1400m	
	ALS out	R1500m	R1500m	R1800m	R2000m	
	2 NDB	<b>1110</b> ′(351′)	<b>1110</b> ′(351′)	<b>1110</b> ′(351′)	<b>1110</b> ′(351′)	
		R900m	R1000m	R1000m	R1400m	
	ALS out	R1500m	R1500m	R1800m	R2000m	
,	NDB	<b>1210</b> ′(451′)	<b>1210</b> ′(451′)	<b>1210</b> ′(451′)	<b>1210</b> ′(451′)	
		R1000m	R1200m	R1200m	R1600m	
	ALS out	R1500m	R1500m	R2000m	R2000m	
27	ILS	<b>937</b> ′(200′)	<b>937</b> ′(200′)	<b>937</b> ′(200′)	<b>937</b> ′(200′)	
		R550m	R550m	R550m	R550m	
	ALS out	R1000m	R1000m	R1000m	R1000m	
	LOC	NOT				
		AUTHORIZED				
,	VOR	1140′(403′)	1140′(403′)	1140′(403′)	1140′(403′)	
		R900m	R1000m	R1000m	R1400m	
	ALS out	R1500m	R1500m	R1800m	R2000m	
	NDB	1140′(403′)	1140′(403′)	1140′(403′)	1140′(403′)	
		R900m	R1000m	R1000m	R1400m	
	ALS out	R1500m	R1500m	R1800m	R2000m	

TAKE-OFF RWY 09, 27								
	LVP must	be in Force		1				
	RL & CL	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)				
A B C	200m	250m	400m	500m				
D	250m	300m	7					

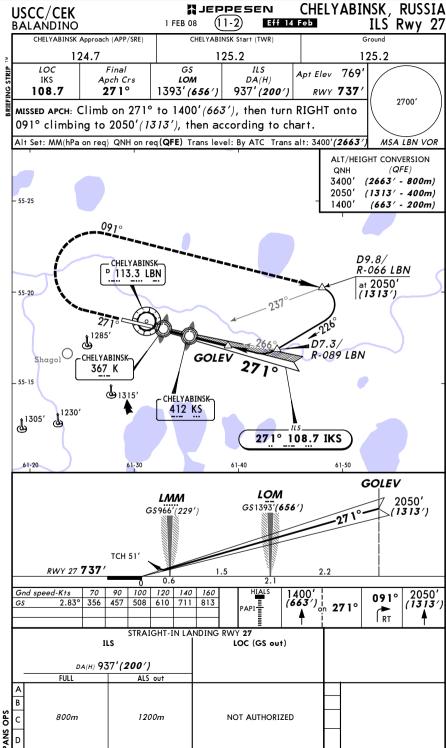
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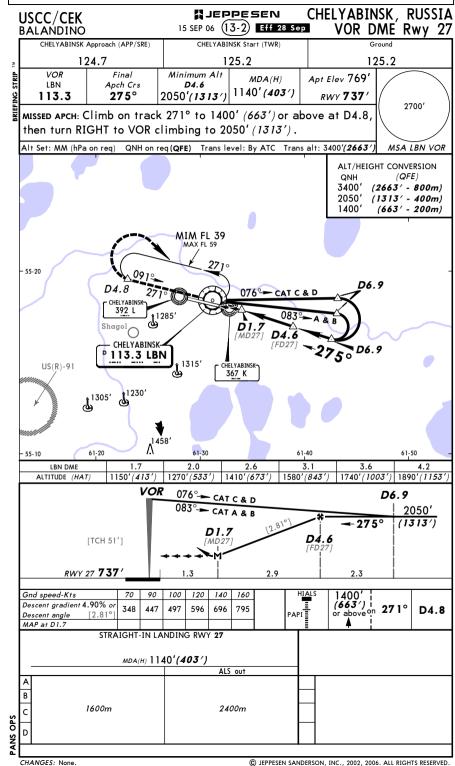
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CHELYABINSK, RUSSIA MJEPPESEN. USCC/CEK 15 SEP 06 (13-1) Eff 28 Sep VOR DME Rwy 09 BALANDINO CHELYABINSK Approach (APP/SRE) CHELYABINSK Start (TWR) 124.7 125.2 125.2 VOR Final Minimum Alt Apt Elev 769' MDA(H) LBN Apch Crs D5.6 1150′ *(391′)* 2080′(1321′) 113.3 088° RWY 759' 2700' MISSED APCH: Climb on track 091° to 1420′ (661′) or above at D3.9 then turn LEFT to VOR climbing to 2080' (1321'). Alt Set: MM (hPa on req) QNH on req (QFE) Trans level: By ATC Trans alt: 3400'(2641' MSA LBN VOR ALT/HEIGHT CONVERSION (QFE) (2641' - 800m) - 55-25 (1321' - 400m) (661' - 200m) D7.8 MIM FL 39 - 55-20 D7.8 D3.9 392 L 367 K - 55-15 CHELYABINSK-<sup>□</sup> 113.3 LBN J 1305' 1230 61-10 61-20 LBN DME 4.0 ALTITUDE (HAT) 1910'(1151') 1760'(1001') 1600'(841') 1440'(681') 1290'(531') 1120'(361' CAT C & D - 287° VOR D7.8 2080' 088°-**D2.4** D5.6 [TCH 51'] RWY 09 759' Gnd speed-Kts 70 90 100 120 140 160 Descent gradient 4.94% or (661') i 091° 350 | 451 | 501 | 601 | 701 D3.9 Descent angle MAP at D2.4 STRAIGHT-IN LANDING RWY 09 MDA(H) 1150'(391') ALS out 1200m 1900m 1600m 2000m

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CHELYABINSK, RUSSIA MJEPPESEN USCC/CEK (16-1)Eff 14 Feb 2 NDB Rwy 09 1 FEB 08 BALANDINO CHELYABINSK Approach (APP/SRE) CHELYABINSK Start (TWR) 124.7 125.2 125.2 NDB Final Minimum Alt MDA(H) Apt Elev 769 LB Apch Crs LOM Refer to Minimums 1420' (661') 452 091° RWY 759 2700' MISSED APCH: Climb on 091° to 1420′(661′), then turn LEFT onto 271° climbing to 2080′ (1321′), then according to chart. Alt Set: MM(hPa on reg) QNH on reg (QFE) Trans level: By ATC Trans alt: 3400'(2641 MSA LBN VOR ALT/HEIGHT CONVERSION (QFE) (2641' - 800m) 3400' D11.1/ 2080' (1321' - 400m) R-293 LBN (661' - 200m) at 2080' 960' (201' - 60m) (1321') - 55-25 CHELYABINSK-452 LB D8.6/ R-274 LBN<sup>Y</sup> - 55-20 CHELY ABINSK-Shagol 392 L -CHELYABINSK-- 55-15 <sup>D</sup> 113.3 LBN ران 13<u>.</u>15′ 1230' **₫**1305′ 61-10 Pass LMM not below 960' (201') LOM **LMM** 2080 [MNØ9] intercept [NERDA] final 1420' [TCH 51'] (661')RWY 09 759' Gnd speed-Kts 90 100 120 140 160 2080 271° Desc grad 4.94% or (661') i 091° (1321') 350 451 501 601 701 801 Descent angle [2.83°] STRAIGHT-IN LANDING RWY 09 2 NDB LB NDB or L NDB MDA(H) 1110'(351') MDA(H) 1210' (451') ALS out 1200m 1900m 1700m 2500m 2100m 2000m 1600m

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